



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
DIPLOMA IN COMMUNITY HEALTH
END OF SEMESTER EXAMINATION DECEMBER 2024

UNIT CODE: DCHP 236

UNIT NAME: POLLUTION MANAGEMENT

DATE: MONDAY 2ND DECEMBER, 2024

TIME: TWO HOURS **START:** 11.15AM **FINISH:** 1.15PM

INSTRUCTIONS

1. This exam is marked out of 60 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (20 marks)
Section B: Long Answer Questions (40 marks)
3. Any aspect of cheating detected during and or after the exam administration will lead to disciplinary measures.

SECTION A: ANSWER ALL QUESTIONS (20 MARKS)

1. Define environmental pollution. (2 marks)
2. State FOUR causes for increase in environmental pollution in Kenya. (4 marks)
3. Outline the disease triangle model in relation to health and disease. (3 marks)
4. Highlight FOUR methods used in management of land pollution. (4 marks)
5. State TWO reasons for enactment of the Environmental Management and coordination Act (EMCA 1999) in Kenya. (2 marks)
6. Identify THREE significant roles of an Environmental Impact Assessment. (3 marks)
7. Highlight TWO categories of poisonous substances on the basis of mode of action. (2 marks)

SECTION B: ANSWER ANY TWO (2) QUESTIONS (40 MARKS)

8. Discuss the following types of pollution and their effects
 - a. Water pollution (5 marks)
 - b. Land/soil pollution (5 marks)
 - c. Air pollution (5 marks)
 - d. Plastic Pollution (5 marks)
9. Discuss
 - a. Five stages in conducting Environmental Impact Assessment. (10 marks)
 - b. Five important reasons for conducting Environmental Audits in an organization. (10 marks)
10. Discuss the classification of poisonous substances encountered in the environment. (20 marks)